

FIGURE 1A

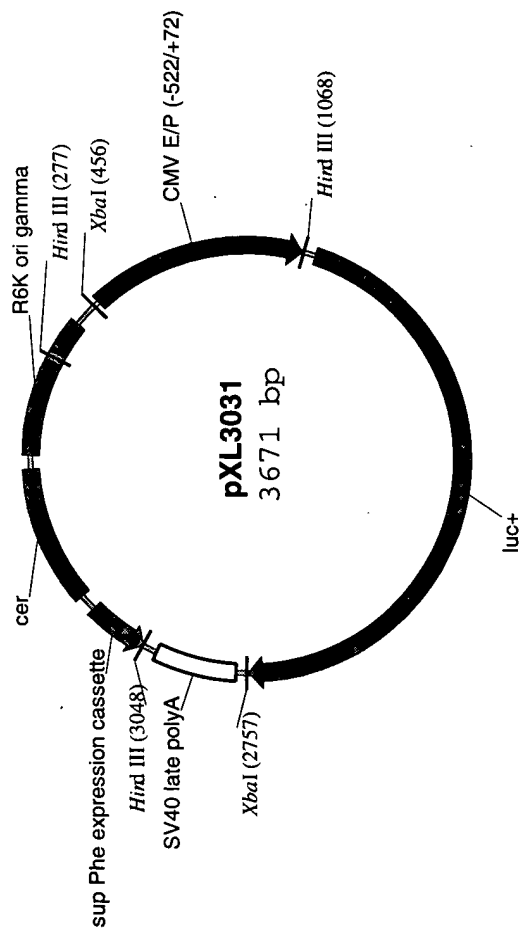


FIGURE 1B

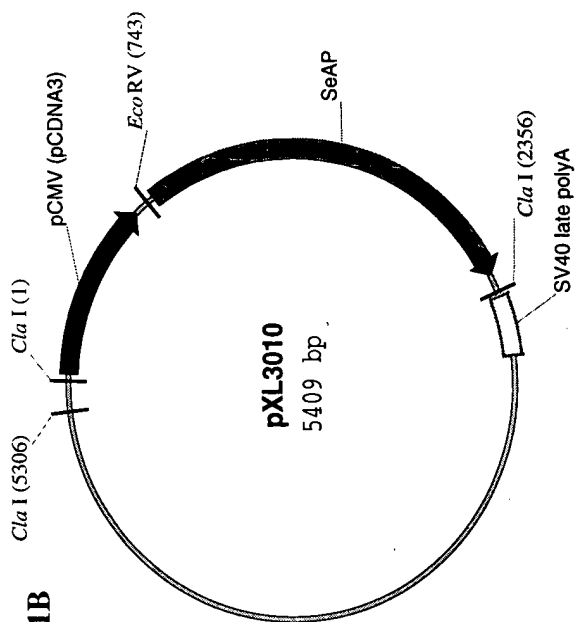
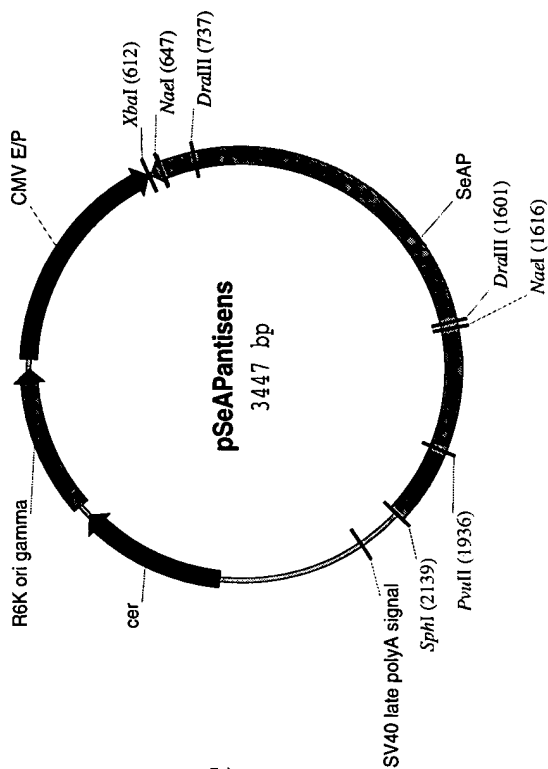


FIGURE 1C



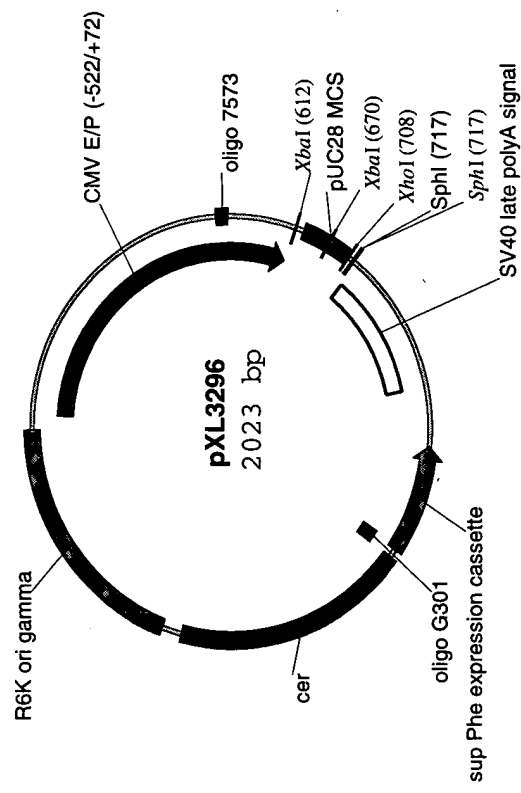


FIGURE 1D

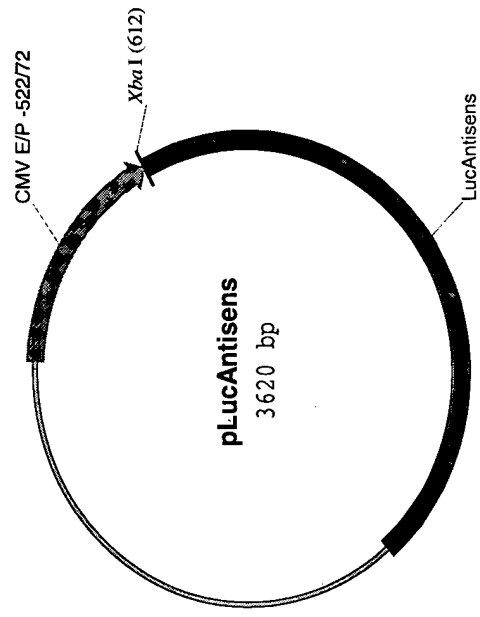


FIGURE 1E

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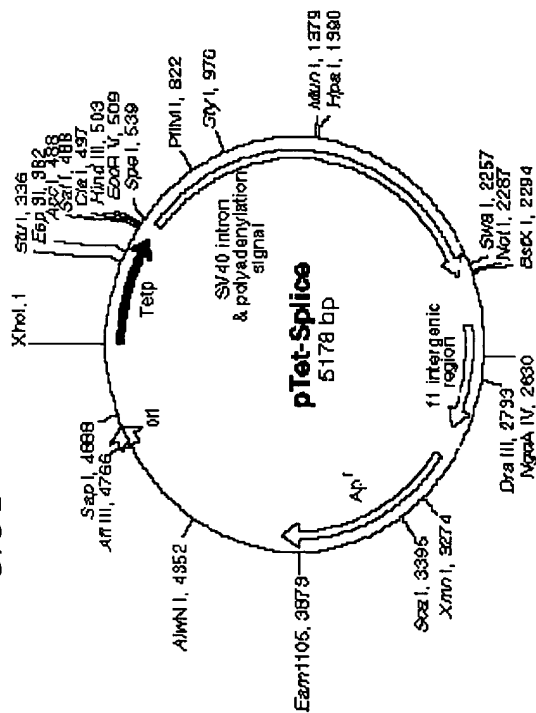


FIGURE 2A

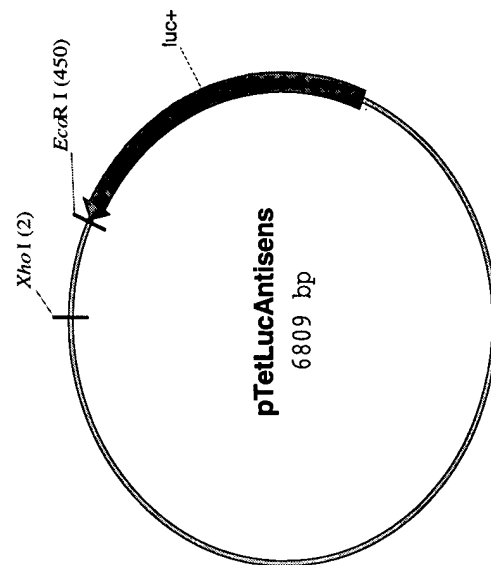


FIGURE 2B

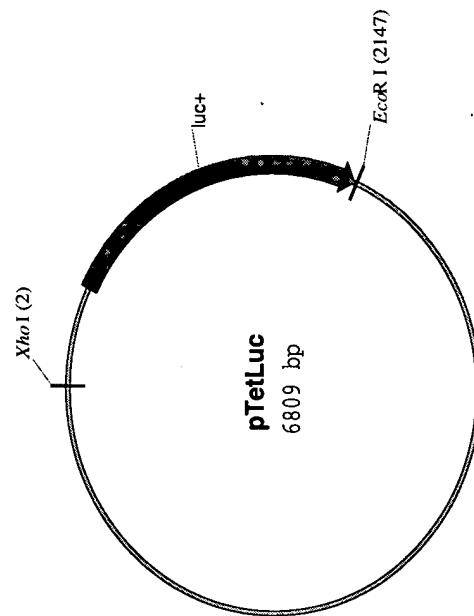


FIGURE 2C

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FIGURE 2D

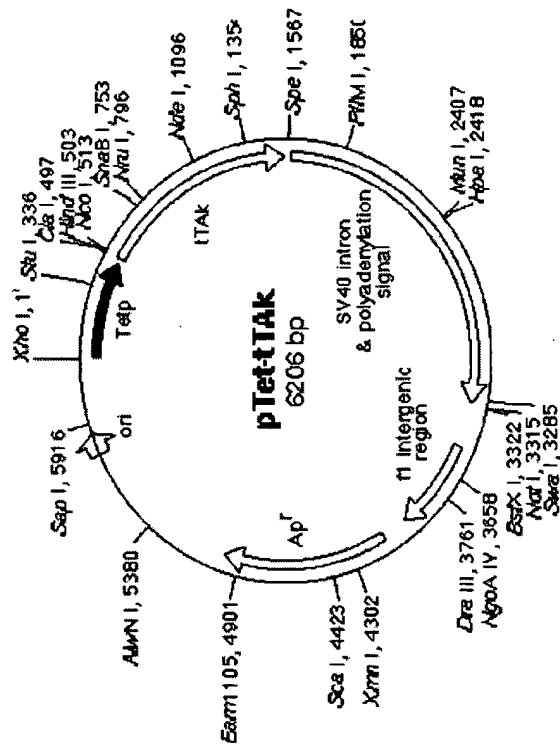
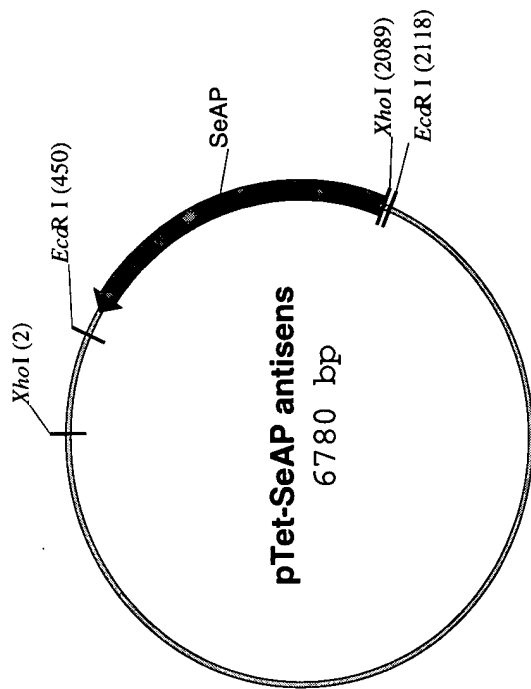
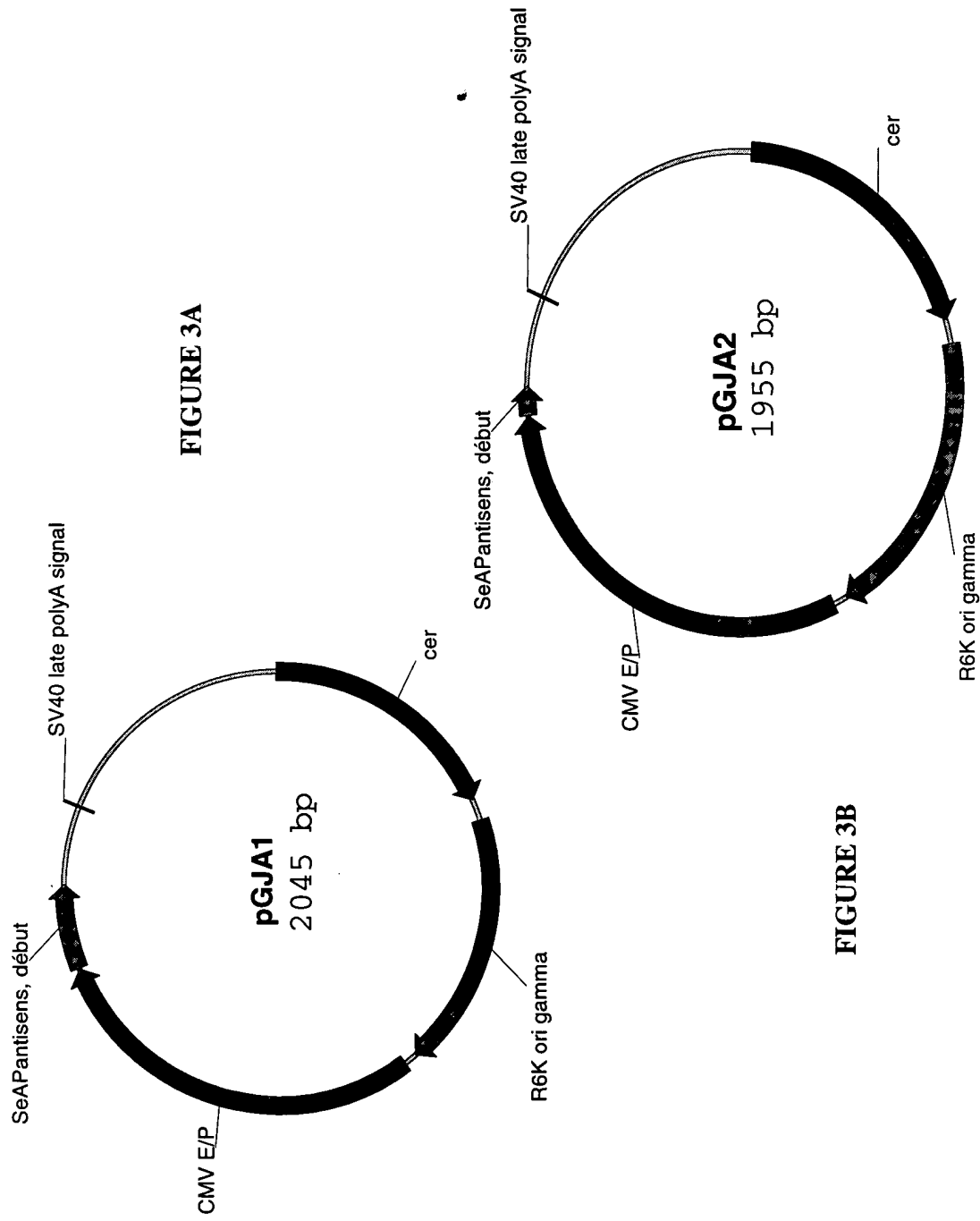


FIGURE 2E



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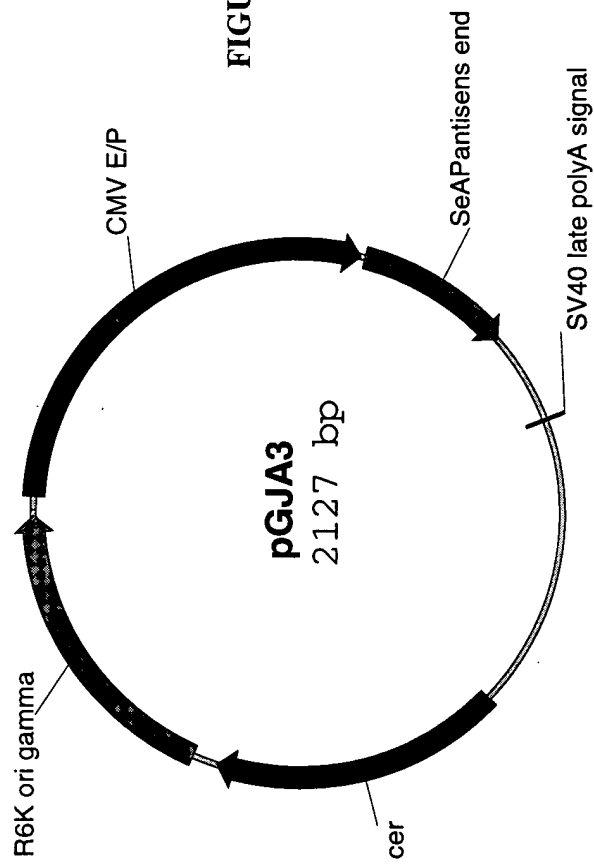


FIGURE 3C

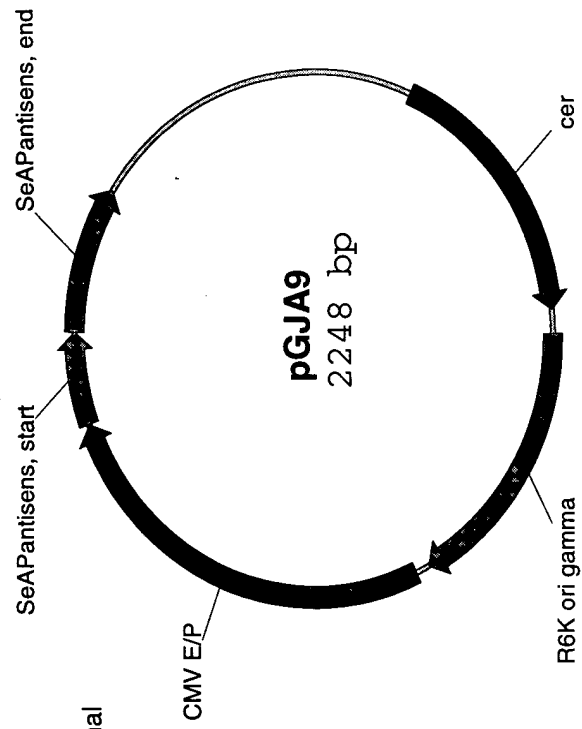


FIGURE 3D

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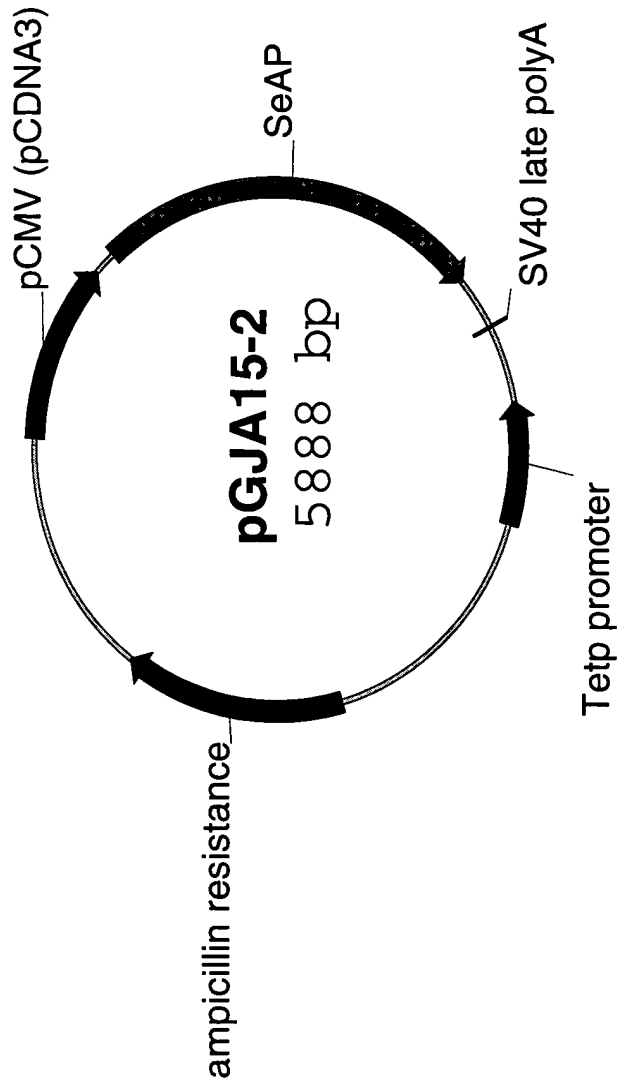


FIGURE 4A

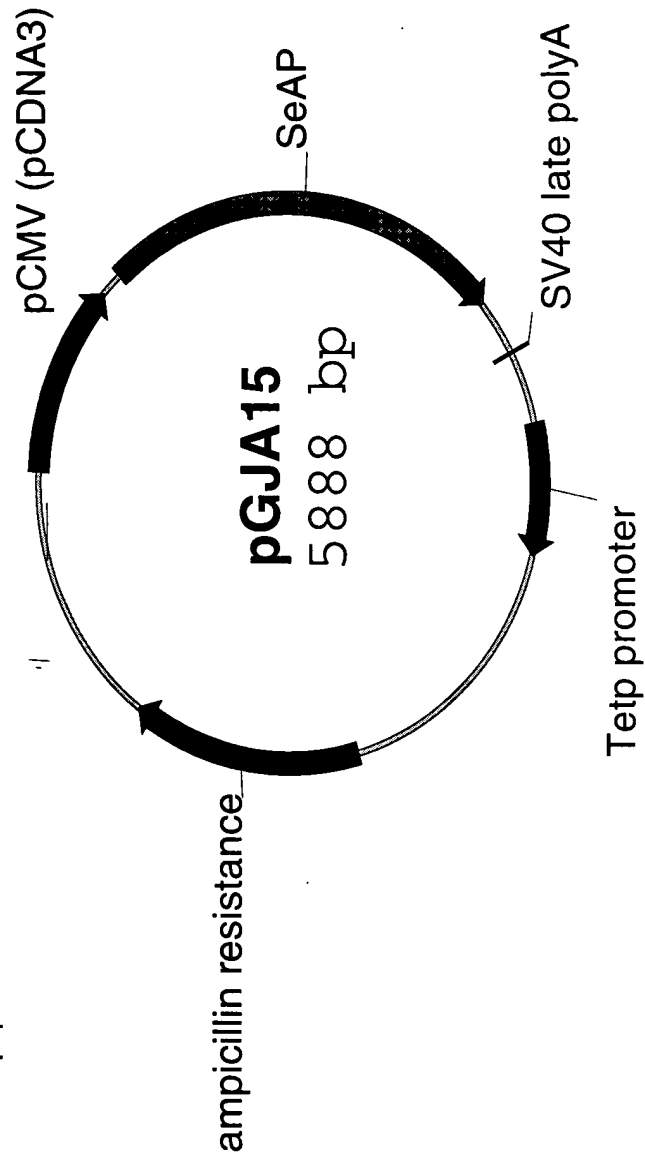
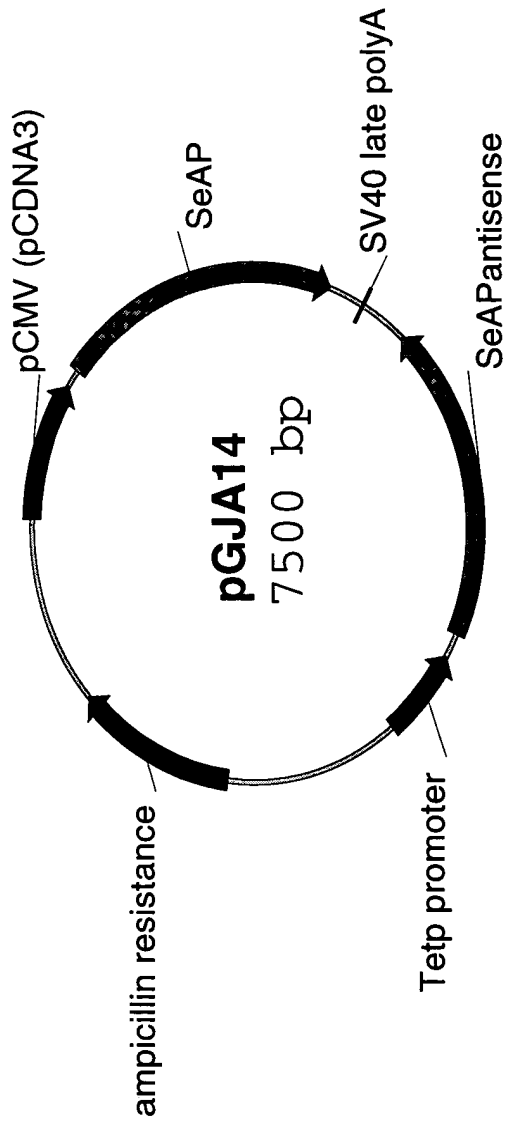
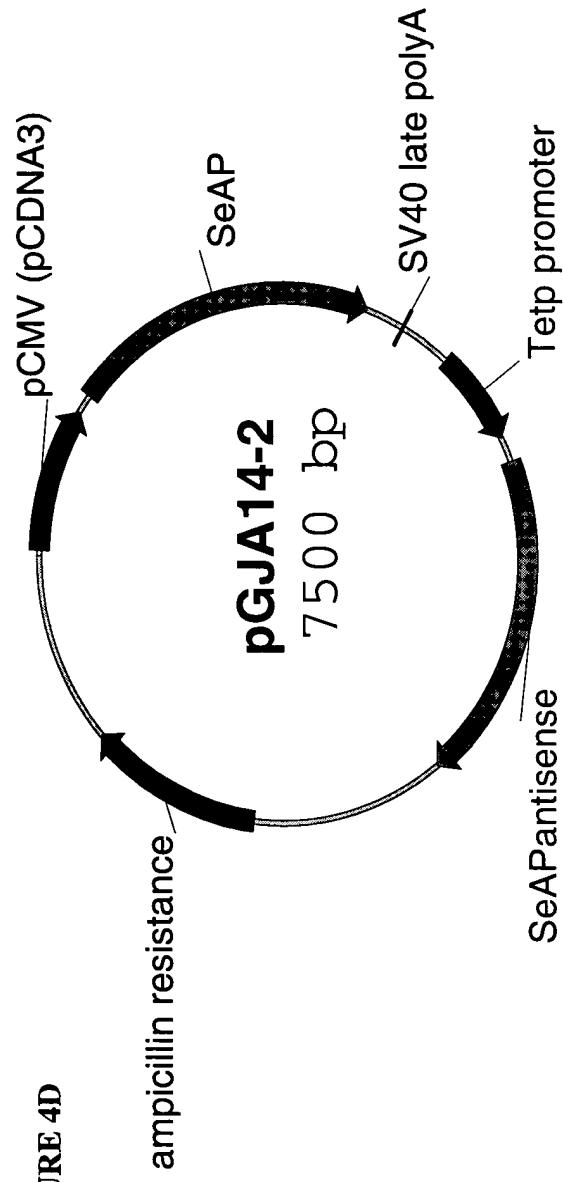


FIGURE 4B

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**FIGURE 4C**

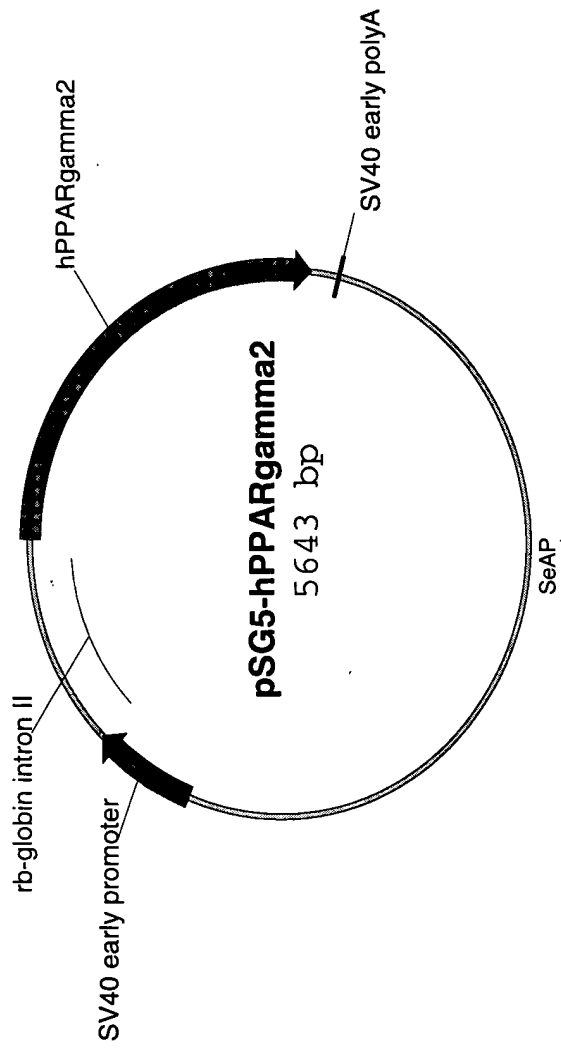


**FIGURE 4D**



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**FIGURE 5A**



**FIGURE 5B**

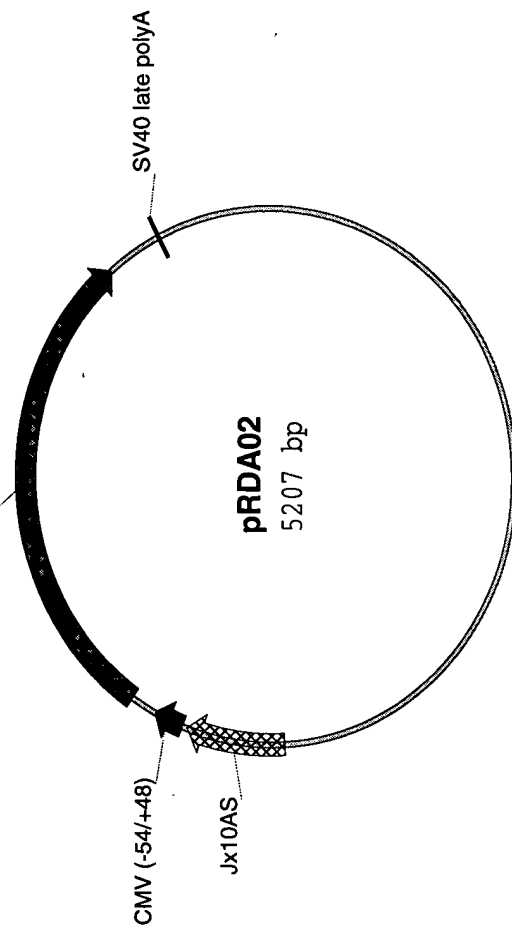


FIGURE 6A

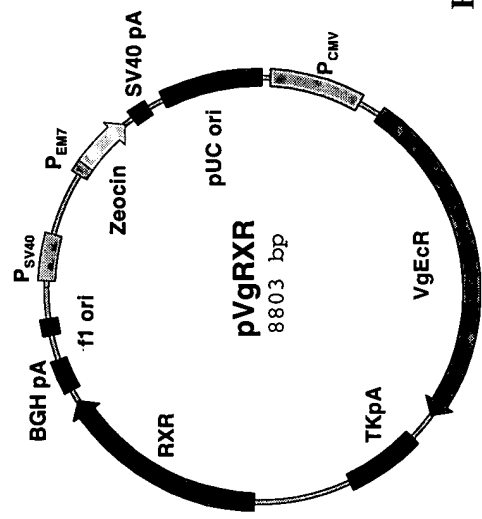
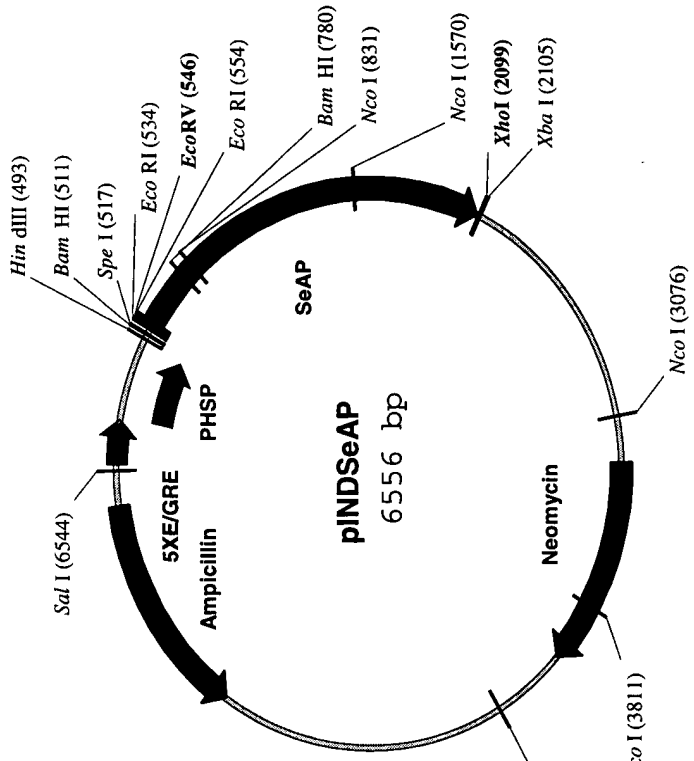
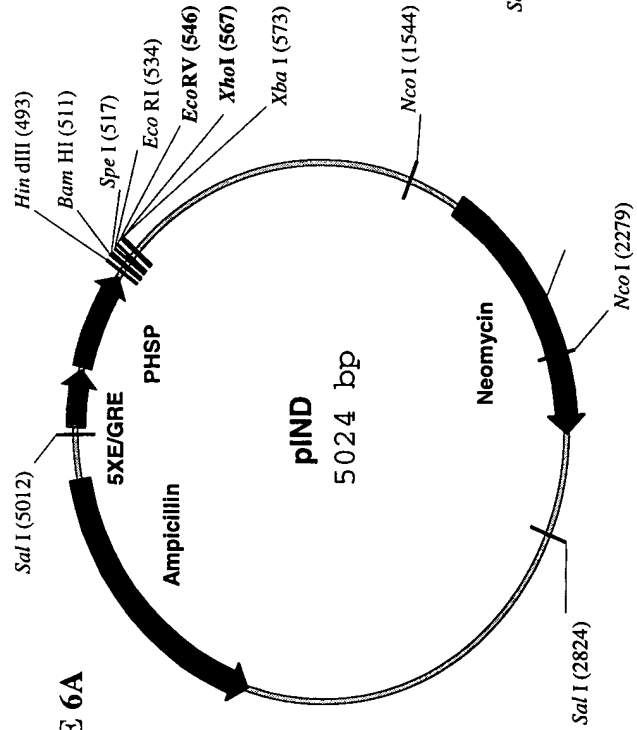


FIGURE 6B

FIGURE 6C

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FIGURE 7A

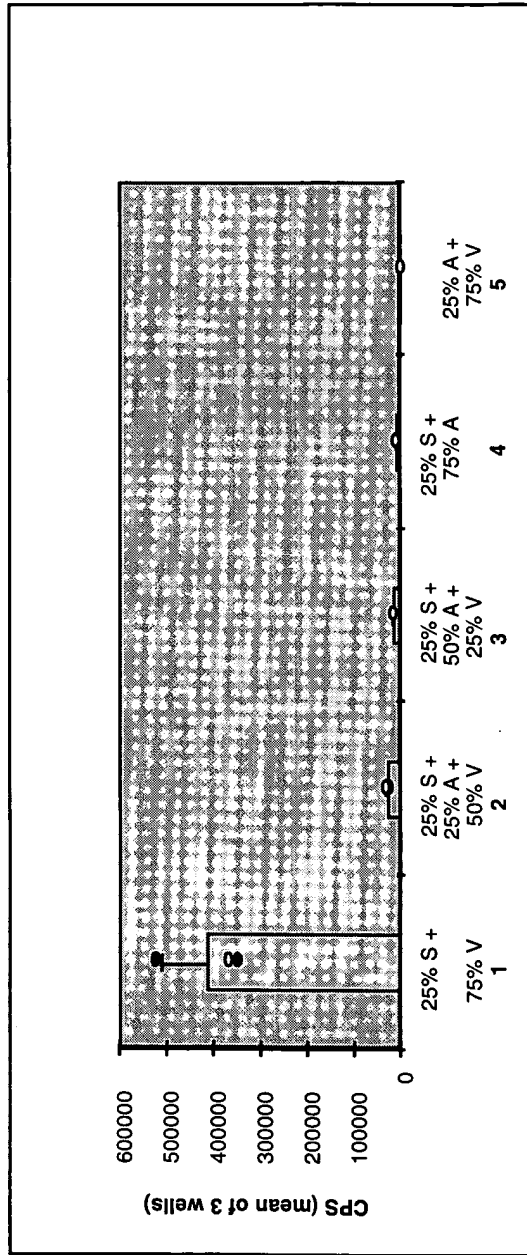
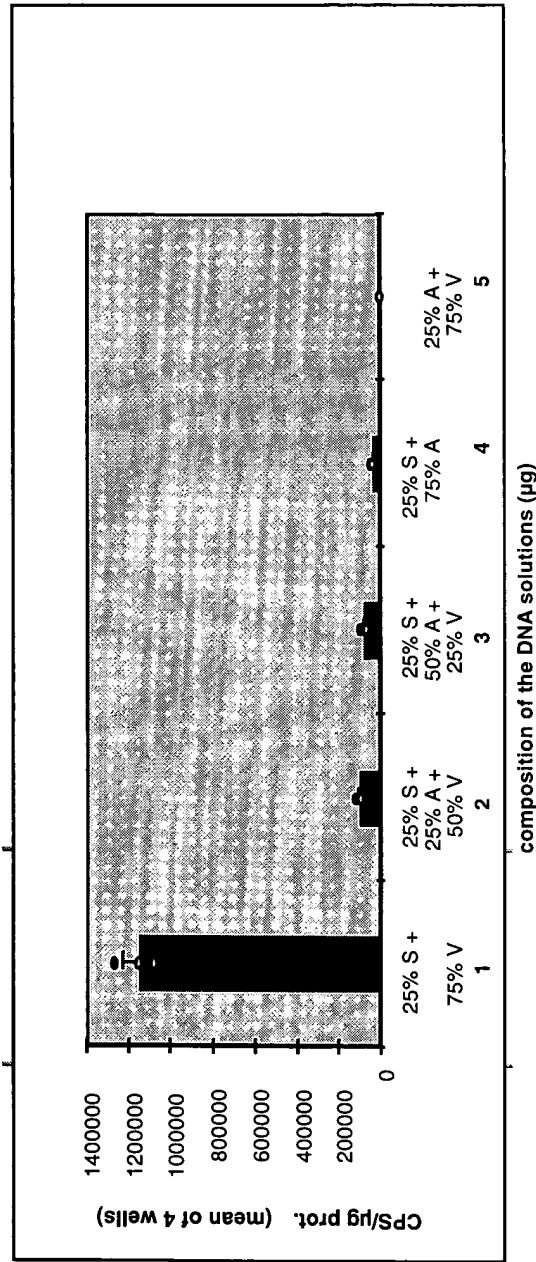


FIGURE 7B



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FIGURE 8

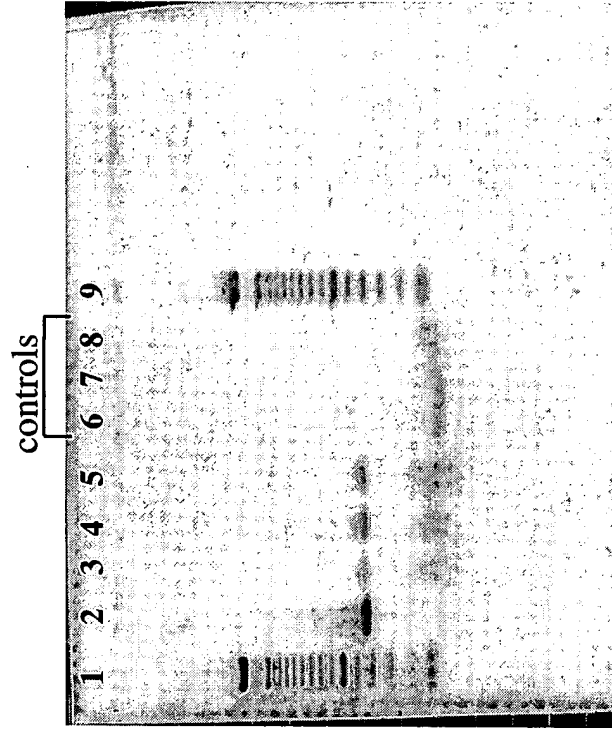


FIGURE 9A

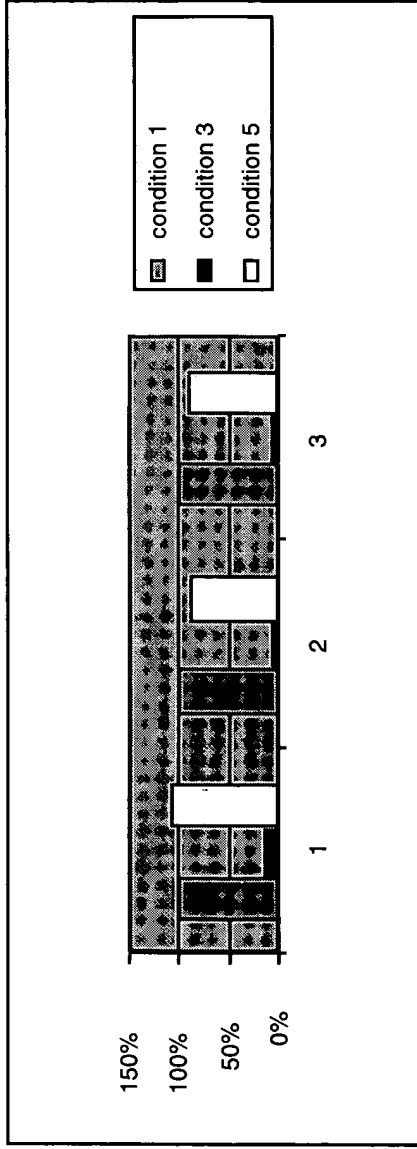
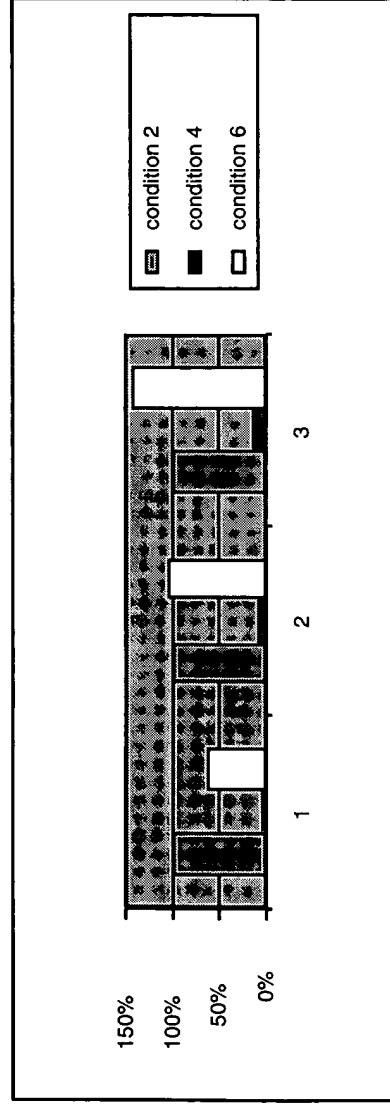
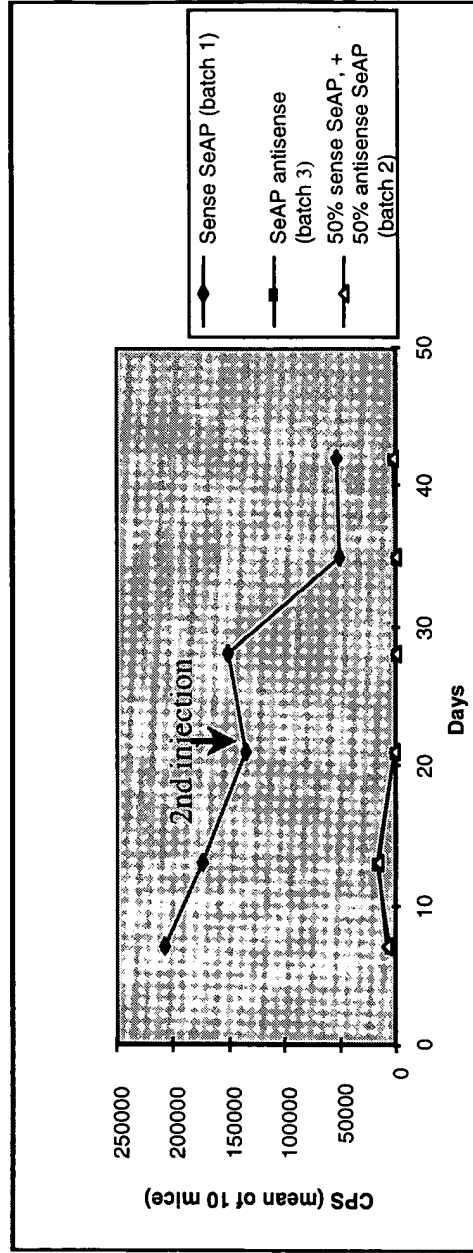


FIGURE 9B

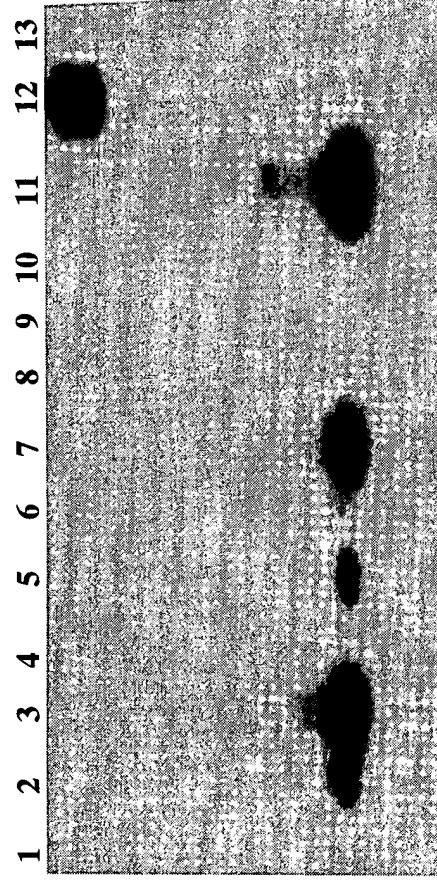
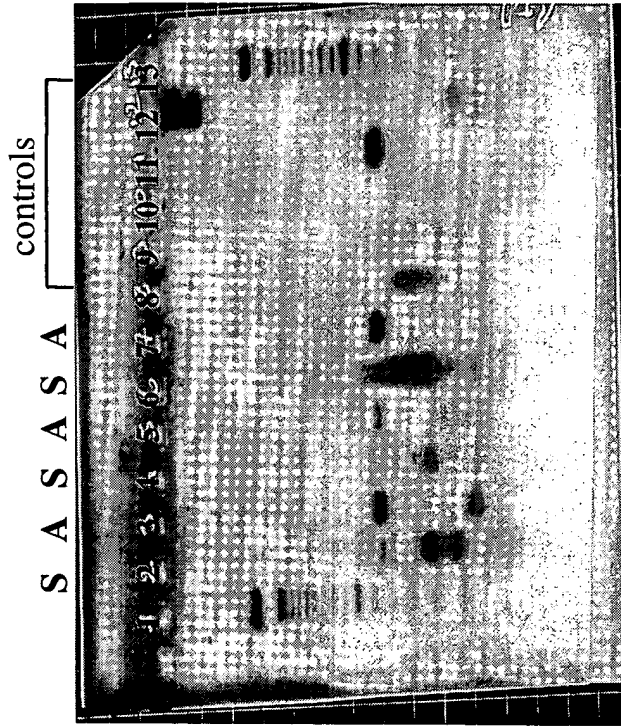


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FIGURE 10



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FIGURE 12

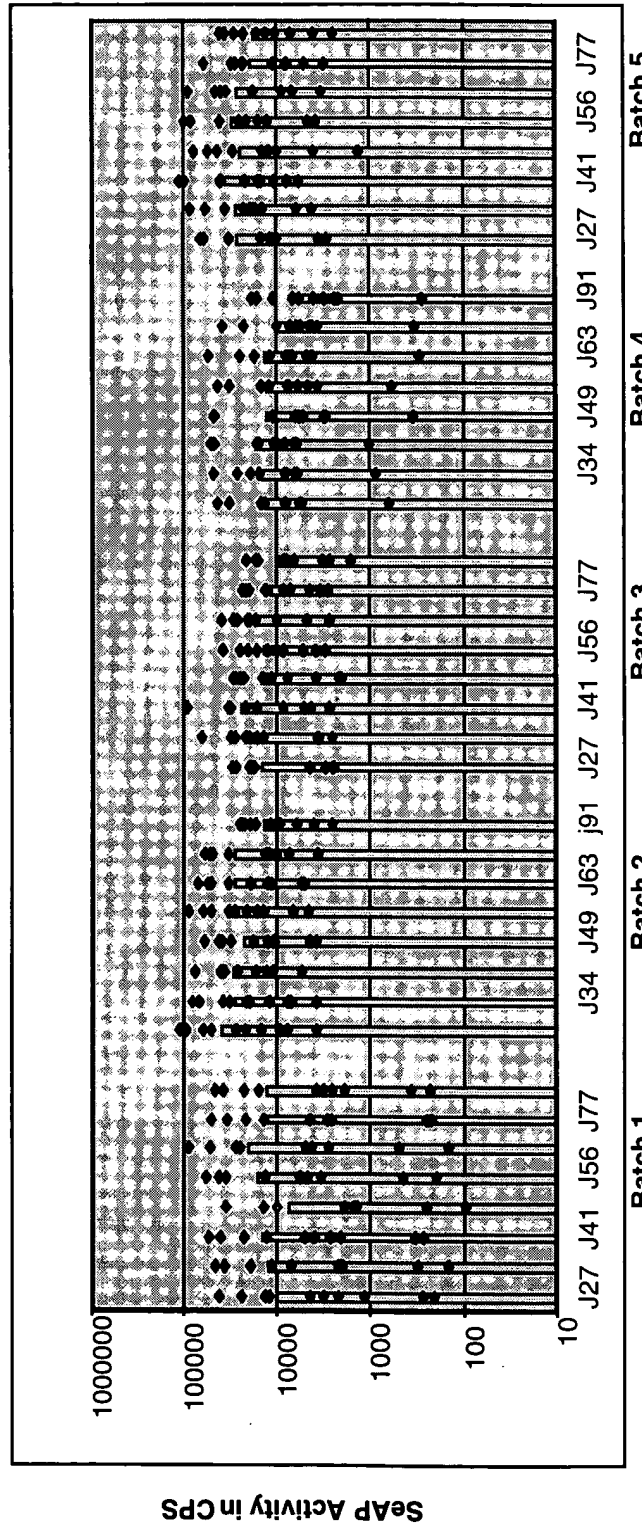






FIGURE 14A

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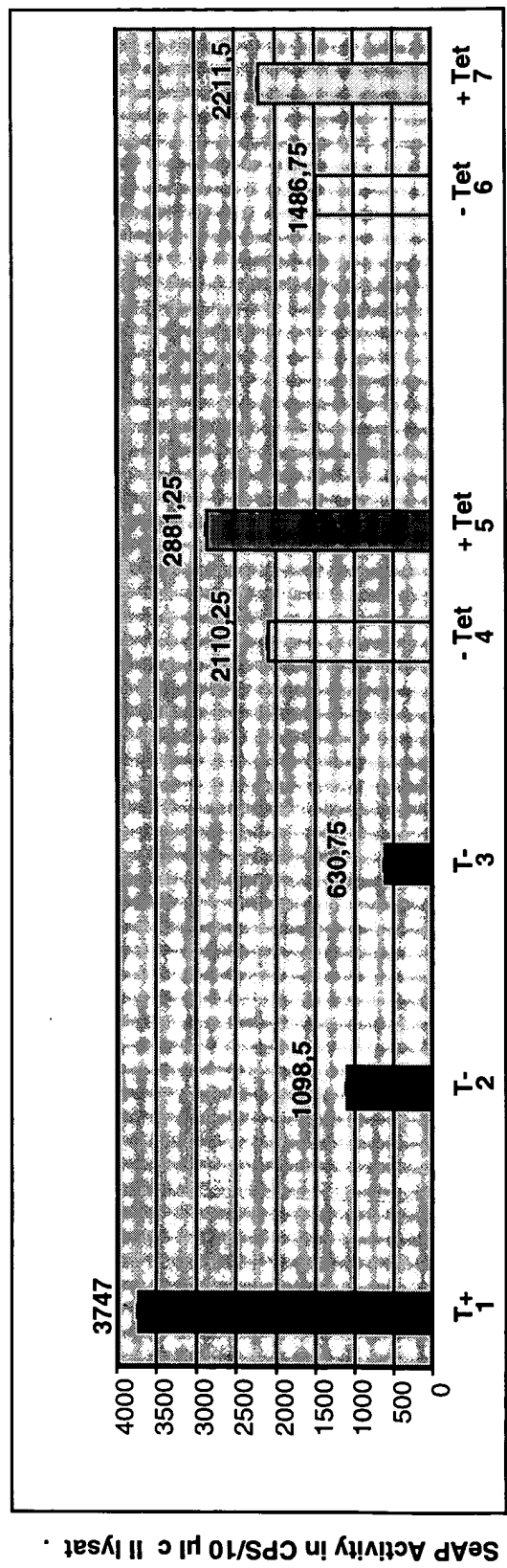
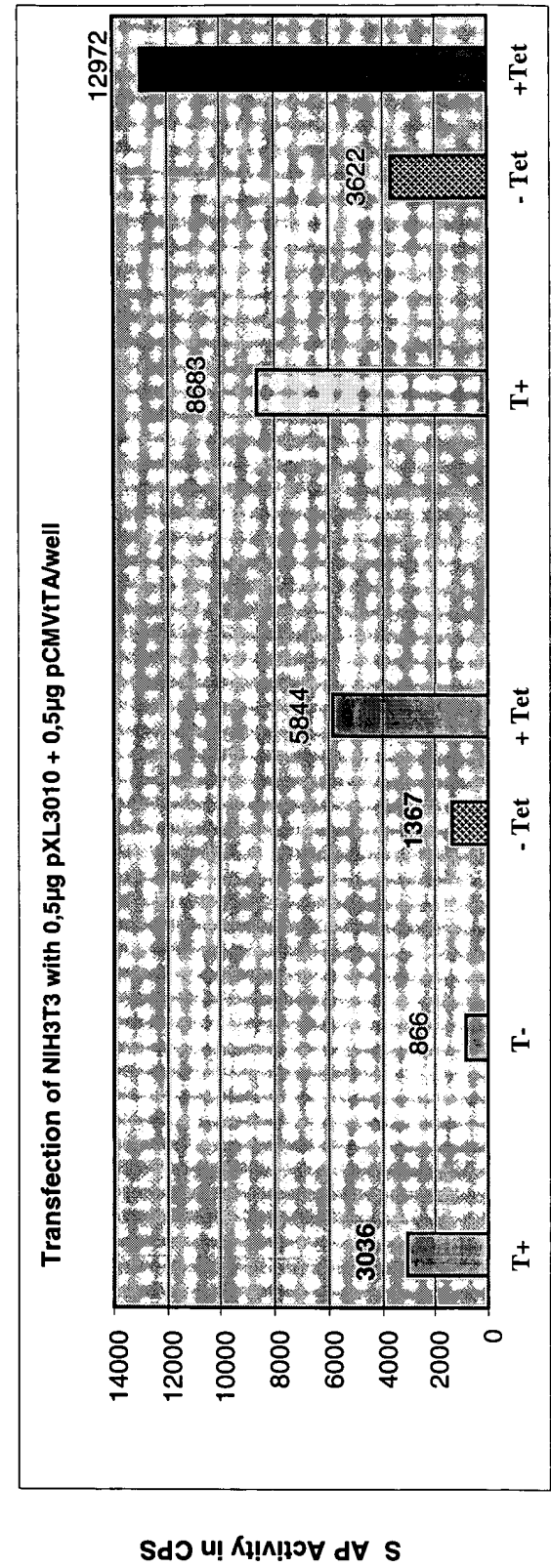


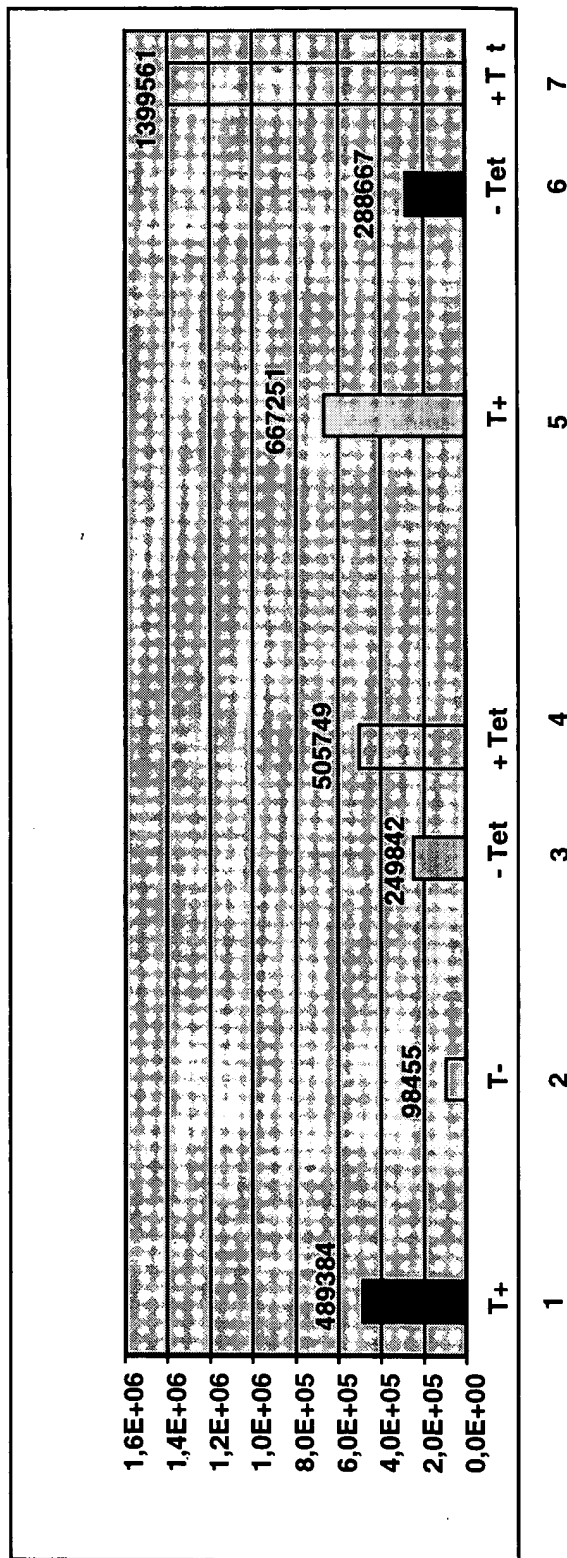
FIGURE 14B



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FIGURE 15

lucif'ras Activity in CPS/μg protein



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FIGURE 16A

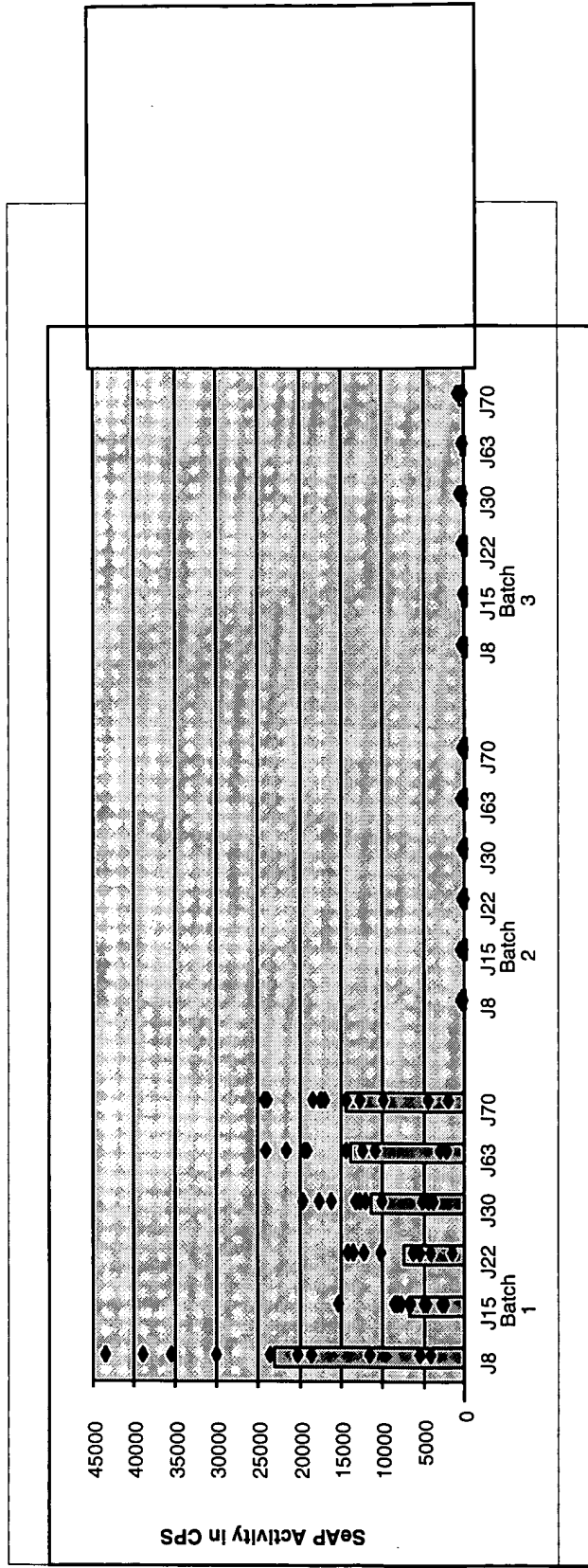


FIGURE 16B

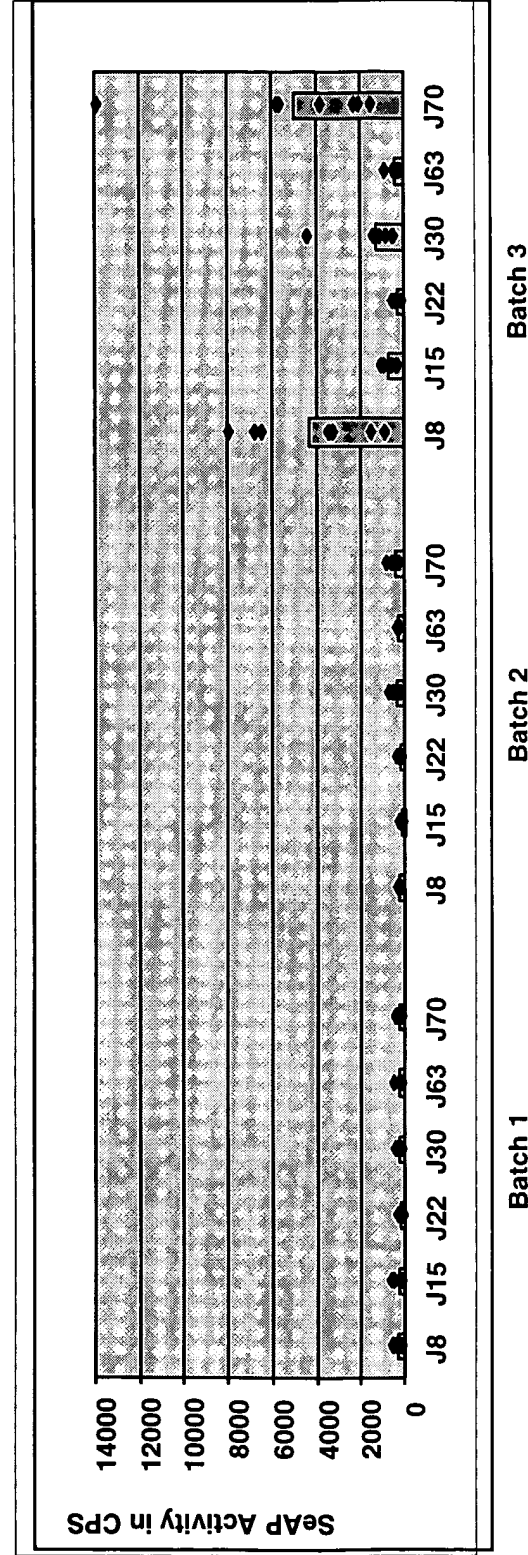
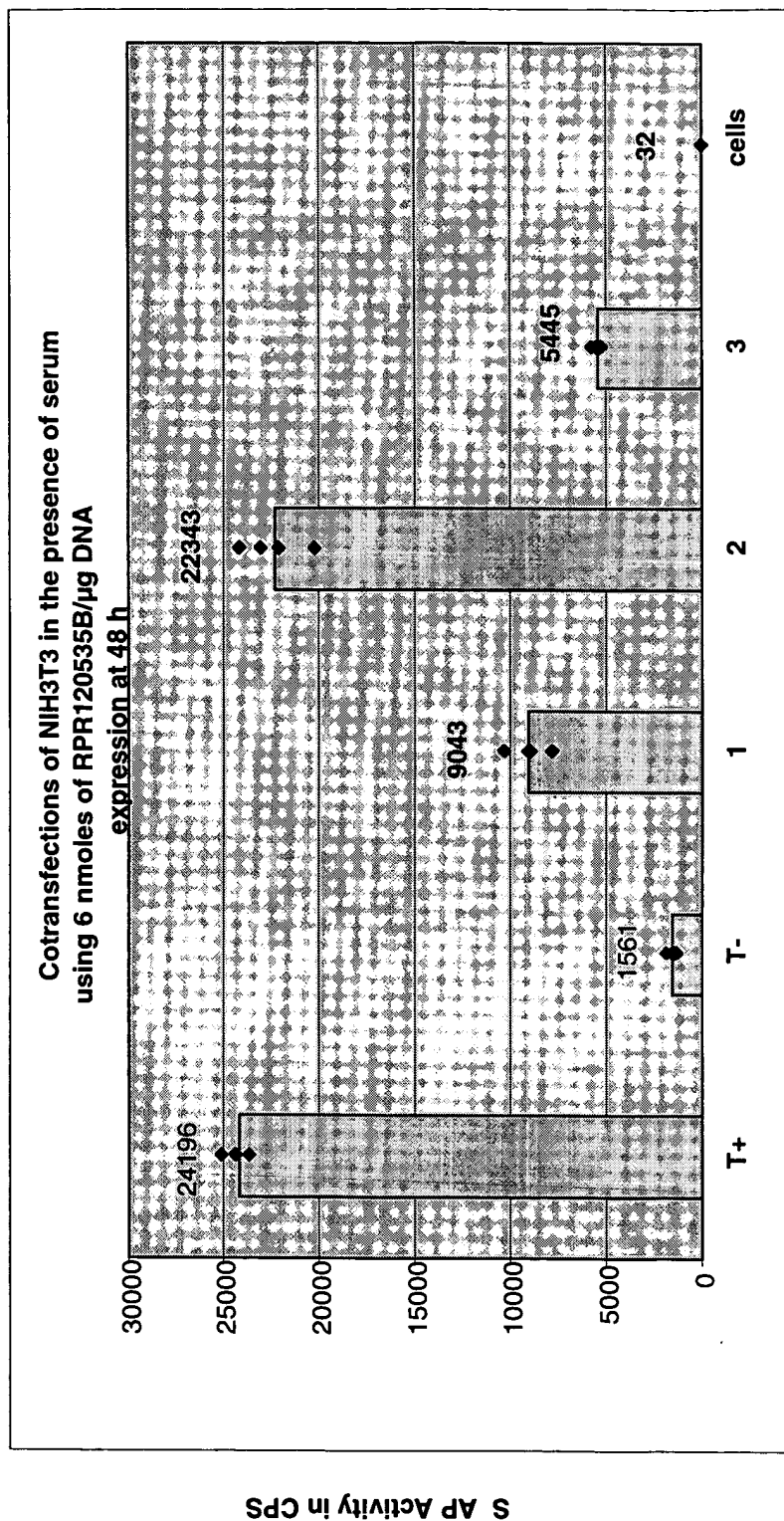


FIGURE 17



# FIGURE 18

Expression of SeAP 48h after cotransfection of NIH3T3s  
using 6 nmol of RPR120535B/ $\mu$ g of DNA

In the presence of serum

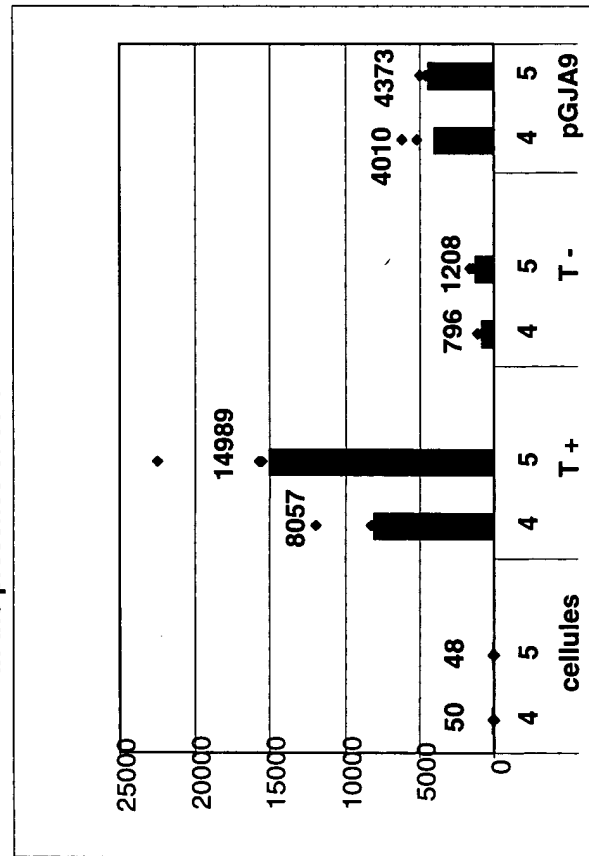


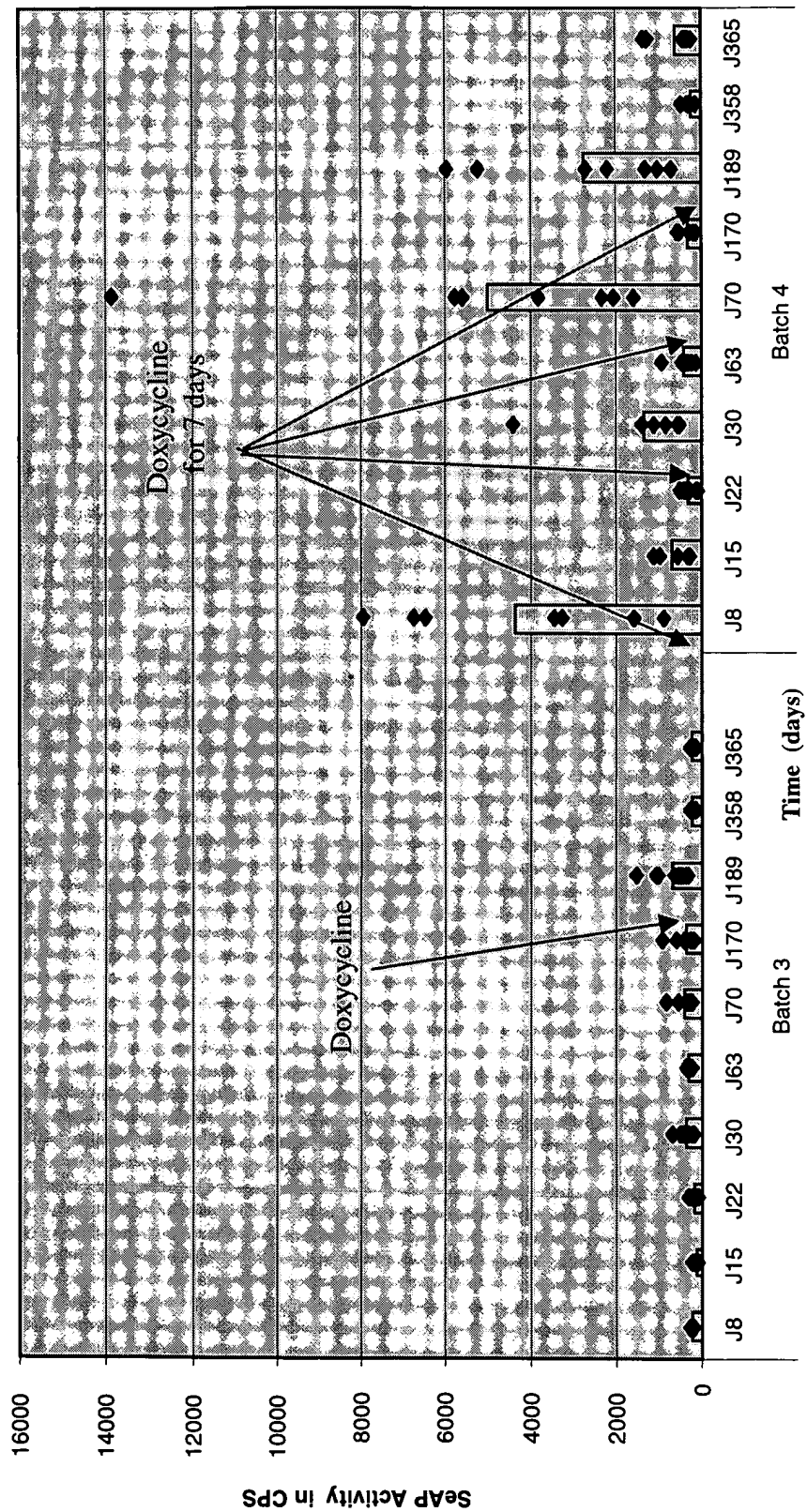
FIGURE 19: Summarizing table of inhibition experiments with antisense transcripts of different lengths

Percentage inhibition of SeAP activity

	size (pb)	antisense (pb)	Conserved sequence	Exp. 1	Exp. 2	Exp. 3	Exp. 4	Exp. 5
pSeAPAS	3447	1527						
pGJA1	2045	125	3' end of SeAP	70	85	94	90	92
pGJA2	1955	35	5' end of SeAP	24	52	63		
pGJA3	2123	203	5' end of SeAP	14	0	8		
pGJA9	2248	125 +203	2 ends	72	76	77	50	71

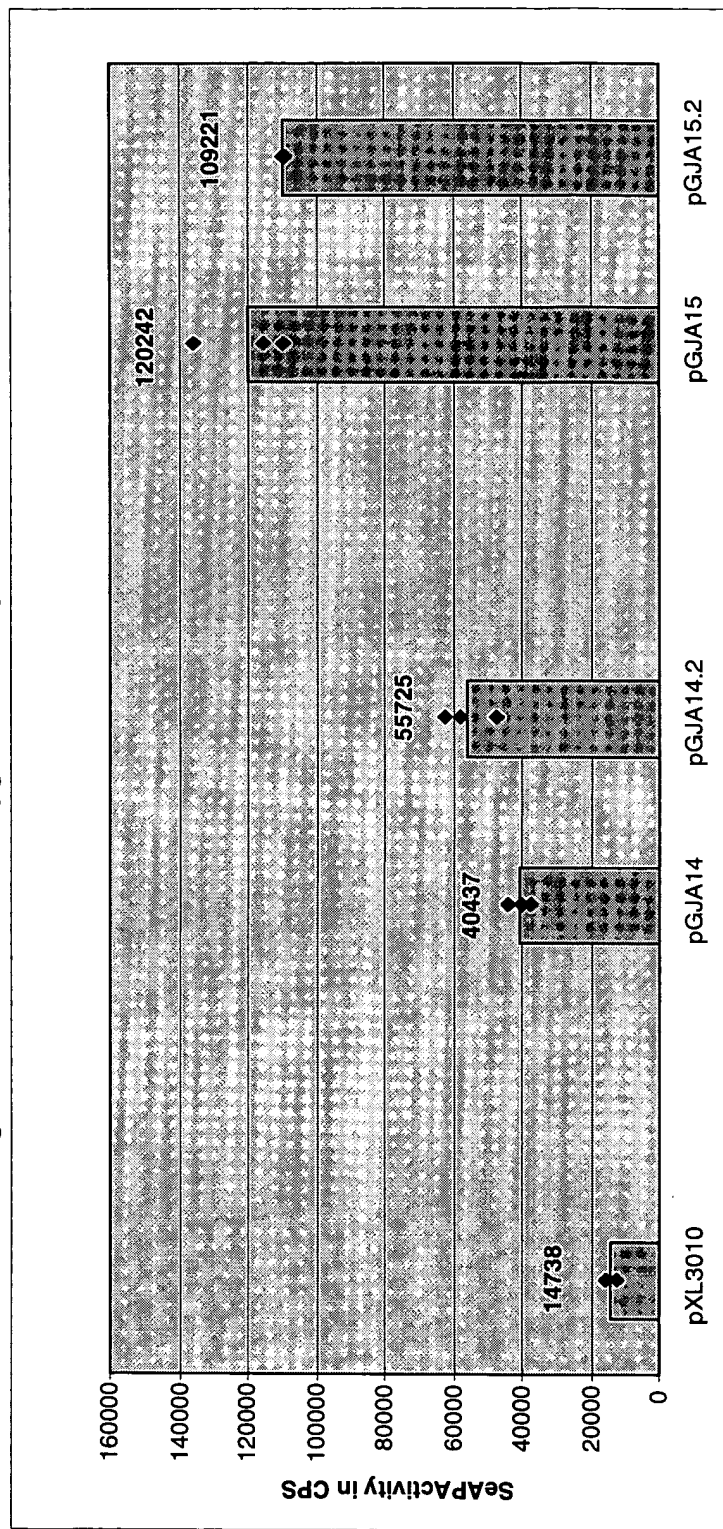
FIGURE 20

Evaluation of the control of the expression of SeAP with the combination of the SeAPantisense gene and the Tet Off system





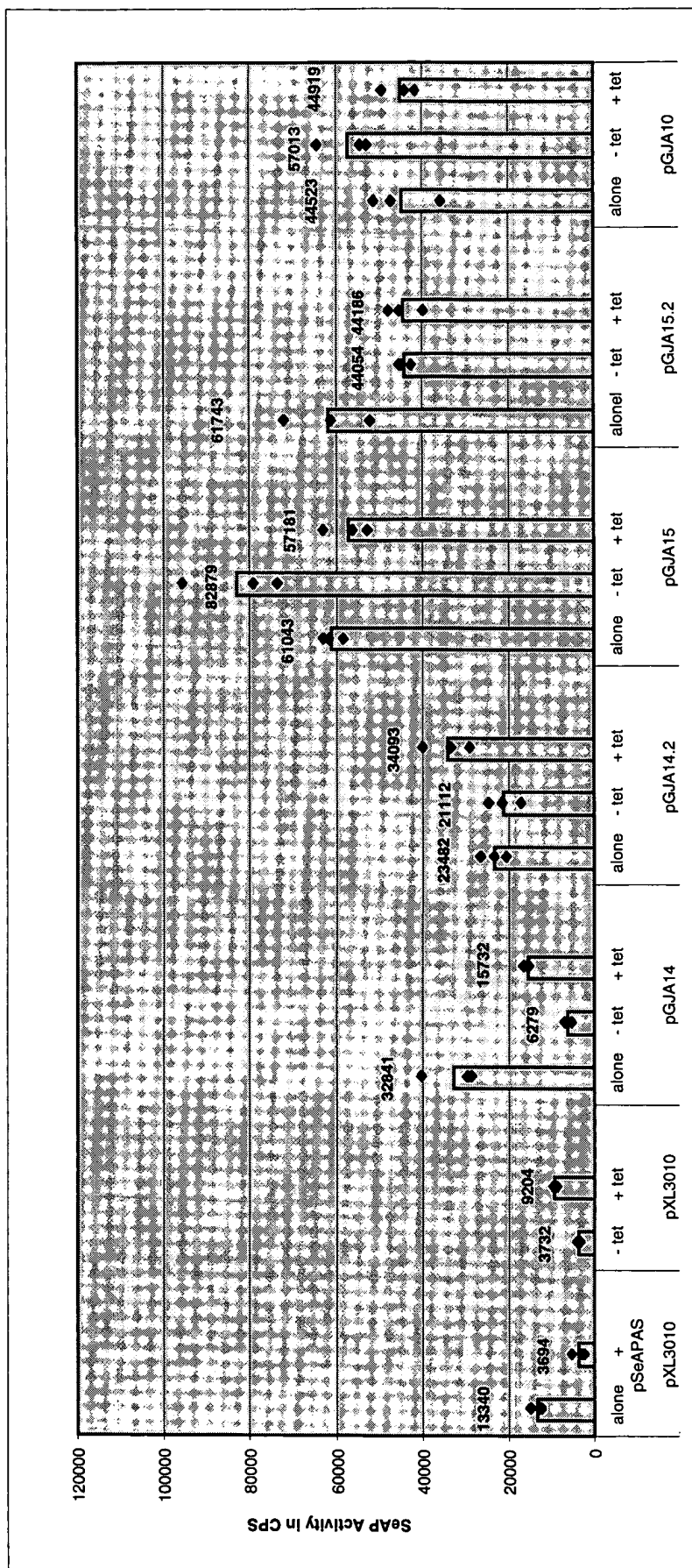
**FIGURE 21**  
Evaluation of the expression of SeAP 48h after transfection of NIH3T3  
using 6 nmol RPR120535B / $\mu$ g DNA in the presence of serum





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**FIGURE 23** Regulation of the expression of SeAP 48h after transfection of NIH3T3s using 6 nmol RPR120535B/ $\mu$ g of DNA in the presence of serum



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**FIGURE 24** Decrease in background noise of the hPPARg2 system in C2C12 transfection, expression at day 5

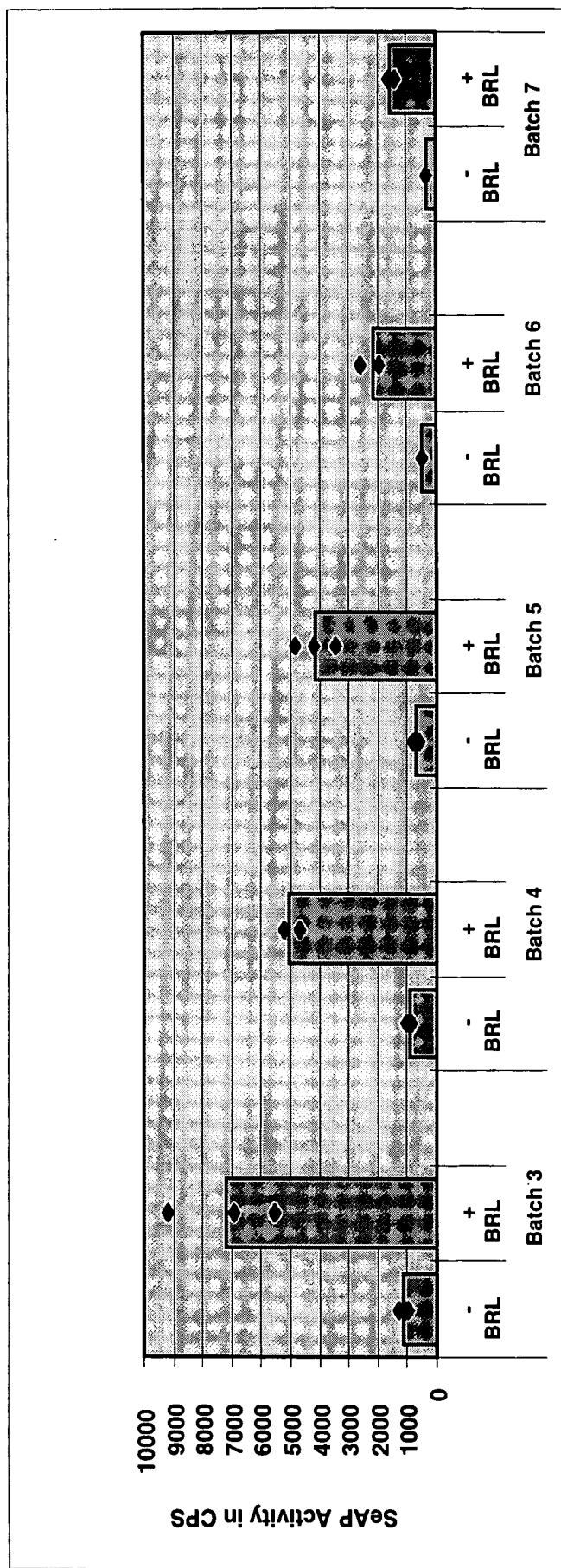
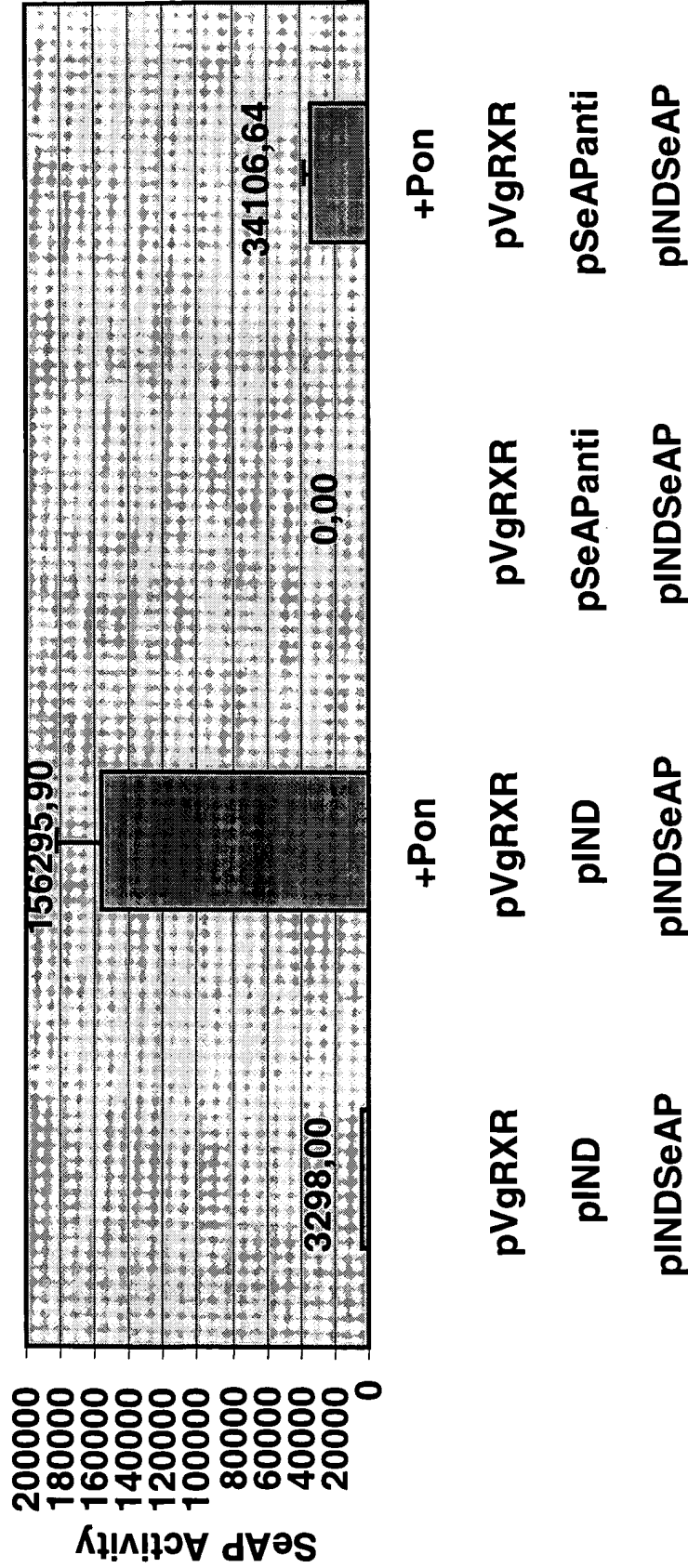


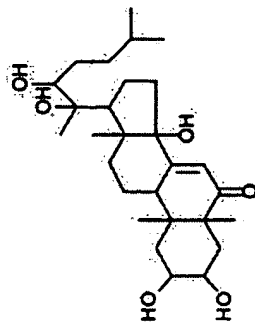
FIGURE 25

*NIH3T3 Transfection*



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FIGURE 26



ponasterone A

FIGURE 27

